CLAIMS

What is claimed is:

1	1.	A public switched telephone network device comprising:
2		a first subsystem;
3		a second subsystem;
4		a module coupled to the first subsystem and the second subsystem, whereby the
5	module receives outbound messages from the first subsystem and if the destination for	
6	the message, is the second subsystem, converts the outbound message to an inbound	
7	message.	
1	2.	The public switched telephone network device of Claim 1 wherein:
2 ·		said module routes an inbound message to a subsystem designated as the
3	destination subsystem in the message.	
1	3.	The public switched telephone network device of Claim 1 wherein:
2		the network device is a service control point.
1	4.	The public switched telephone network device of Claim 1 wherein:
2		the outbound and inbound messages are signaling system seven messages.
1	5.	The public switched telephone network device of Claim 1 wherein:
2		the module reroutes the outbound message directly to the second subsystem.

The public switched telephone network device of Claim 1 wherein: 1 6. the module checks the destination of the outbound message and then converts the 2 3 message into an inbound message. The public switched telephone network device of Claim 6 wherein: 1 7. the module checks the destination of the outbound message by checking the 2 3 destination point code contained in the message. The public switched telephone network device of Claim 1 further comprising: 1 8. 2 a memory storing an inbound message. The public switched telephone network device of Claim 1 further comprising; 1 9. a computer processor in which said first and second subsystems and said module 2 3 operate. 1 10. The public switched telephone network device of Claim 1 further comprising; 2 a first computer processor in which said first subsystem and said signaling system 3 seven module operate, and a second computer processor in which said second subsystem and said signaling 4 5 system seven module operate. 11. A public switched telephone network comprising: 1 2 a plurality of service control points,

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- a plurality of subsystems operating in each service control point, and 3 means for internally routing signaling system seven messages from subsystems in 4 a service control point to other subsystems in the same service control point. 5 The public switched telephone network according to Claim 11 wherein: 12. 1 said subsystems residing in each service control point are selected to maximize 2 the likelihood that outbound messages from a subsystem will have another subsystem in 3 the same service control point as the destination subsystem. 4 The public switched telephone network according to Claim 12 further comprising: 13. 1 a 911 service subsystem and a position determining entity subsystem residing at 2 3 the same service control point. A method for managing messages in a network device having a plurality of 1 14. 2 subsystems comprising: checking the destination subsystem identified in an outbound message and, if the 3 destination subsystem resides in the network device, internally rerouting the message to 4 5 the destination subsystem. The method of Claim 14 wherein the messages are signaling system seven 1 15. 2 messages.
- 1 16. The method of Claim 15 further comprising:

comparing the point code of the destination subsystem to the point code of the 2 subsystem sending the outbound message. 3 1 17. The method of Claim 16 further comprising: using a routing table to determine the point code of the outbound message based 2 on the subsystem number of the destination subsystem. 3 1 18. The method of Claim 14 further comprising: 2 converting the outbound message to an inbound message. A method for managing messages in a network device having at least two 1 19. 2 subsystems comprising: coupling an inbound message to a memory and to a first subsystem designated as 3 the destination subsystem in the inbound message, 4 processing said inbound message with said first subsystem and updating the 5 6 message stored in said memory to include the results of said processing, using the stored and updated message to send an outbound message from said 7 8 first subsystem to a second subsystem. 20. 1 The method of Claim 19 further comprising; comparing the network location of said first subsystem to the network location of 2 said second subsystem, and if said locations are the same, internally routing said 3

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message to said second subsystem.

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- 1 21. The method of Claim 20 further comprising:
- 2 using a routing table to identify the point code of said second subsystem.
- 1 22. The method of Claim 20 further comprising:
- 2 converting said outbound message to an inbound message.